

Abarna_day74

```
#include <stdio.h>
```

```
int main() {  
    int T;  
    scanf("%d", &T);  
    while (T--) {  
        int N, M;  
        scanf("%d %d", &N, &M);  
  
        int total_cells = N * M;  
        int two_by_two_tiles = total_cells / 4;  
        int one_by_one_tiles = total_cells % 4;  
  
        printf("%d\n", one_by_one_tiles);  
    }  
    return 0;  
}
```